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PTO-1390 (Rev. 07-2005)

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TRANSMITTAL LETTER TO THE UNITED STATES		API-03-19-PCT-US					
DESIGNATED/ELECTED OFFICE (DO/EO/US)		U.S. APPLICATION NO. (If known, see 37 GER 1-5)					
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE		PRIORITY DATE CLAIMED					
—	EC 2004	31 DEC 2003					
TITLE OF INVENTION TARGETED IMM UNOBENS							
APPLICANT(S) FOR DO/EO/US							
SANOFI PASTEUR INC. Applicant herewith submits to the United States Designate	A/Flected Office (DO/F	O/US) the following items and other information:					
	1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
3 This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. The US has been elected (Article 31).							
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
a. is attached hereto (required only if not communicated by the International Bureau).							
b has been communicated by the Internation	al Bureau.						
c. is not required, as the application was filed	in the United States Receiv	ving Office (RO/US).					
6. An English language translation of the International A	Application as filed (35 U.S.	C. 371(c)(2)).					
a. is attached hereto.	a. is attached hereto.						
b. has been previously submitted under 35 U.	b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7. Amendments to the claims of the International Applic	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
a. are attached hereto (required only if not only	a. are attached hereto (required only if not communicated by the International Bureau).						
b. have been communicated by the Internation	b. have been communicated by the International Bureau.						
c. have not been made; however, the time li	c. have not been made; however, the time limit for making such amendments has NOT expired.						
d. have not been made and will not be made	d. have not been made and will not be made.						
8. An English language translation of the amendments	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9. An oath or declaration of the inventor(s) (35 U.S.C. 3	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10. An English language translation of the annexes of the Article 36 (35 U.S.C. 371(c)(5)).	e International Preliminary I	Examination Report under PCT					
Items 11 to 20 below concern document(s) or informatio	n included:						
11. An Information Disclosure Statement under 37 CFR	1.97 and 1.98.						
12. An assignment document for recording. A separate of	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13. A preliminary amendment.	A preliminary amendment.						
14. An Application Data Sheet under 37 CFR 1.76.	An Application Data Sheet under 37 CFR 1.76.						
15. A substitute specification.	A substitute specification.						
16. A power of attorney and/or change of address letter.	A power of attorney and/or change of address letter.						
17. A computer-readable form of the sequence listing in	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.						
18. A second copy of the published International Applica	tion under 35 U.S.C. 154(d)(4).					
19. A second copy of the English language translation of	the international application	n under 35 U.S.C. 154(d)(4).					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete. including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

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U.S. APPLICAT	TBD 10584416 INTERNATIONAL APPLICATION NO. PCT/US 2004/044023			API- 03-19-PCT-US		
20. Other	items or information	on:				
Retu	in postcai	d				
	noine for a l				CALCUL ATIONS	DTO HOT ONLY
The following fees have been submitted 21.			\$ 206	PTO USE ONLY		
					° 300	
22. X Examination fee (37 CFR 1.492(c))					œ	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations\$200				\$ 200		
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)						
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$ 500		
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB						
All other situation				\$500		
	TOTAL OF 21, 22		d in pager over 100 shoots (e)	voluding	1000	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an						
electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra Sheets		Number of each additional 50 or fraction RATE thereof (round up to a whole number)			
- 100 =	/50 =			x \$250	\$ O	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130		
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	
Total claims	2	- 20 =	1	x \$ 50	\$ 50	
Independent clair	ns 3	- 3 =	0	× \$200	\$ <i>O</i>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360				\$ 0		
TOTAL OF ABOVE CALCULATIONS =			\$ 1180			
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.			6 460			
SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest			\$ 1180			
claimed priority date (37 CFR 1.492(i)).			\$ O			
TOTAL NATIONAL FEE =				\$ 1180		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$ 0			
TOTAL FEES ENCLOSED =			\$ 1180			
					Amount to be refunded:	\$
<u></u>					Amount to be charged	\$

10/584476 IAP2 Rec'd PCT/PTQ390(R8V.0)JUN 2006

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a. 🗌	A check in the amount of \$ to cover the above fees is enclosed.				
b. 🔀	Please charge my Deposit Account No. 500715 in the amount of \$ 1180 to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. 🔀	c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 500715. A duplicate copy of this sheet is enclosed.				
d. 🔲	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
Pat 31	ALL CORRESPONDENCE TO: Herick J. Halloran, Ph. D., J. D. SIGNATURE Patrick J Halloran NAME 41,053 REGISTRATION NUMBER				